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FIGURE 2

Met Asp Ile Leu Cys Glu Glu Asn Thr Ser
A T G G A T A T T C T T T G T G A A G A A A A T A C T T C T
10 20 30

Leu Ser Ser Thr Thr Asn Ser Leu Met Gln
T T G A G C T C A A C T A C G A A C T C C C T A A T G C A A
40 50 60

Leu Asn Asp Asp Thr Arg Leu Tyr Ser Asn
T T A A A T G A T G A C A C C A G G C T C T A C A G T A A T
70 80 90

Asp Phe Asn Ser Gly Glu Ala Asn Thr Ser
G A C T T T A A C T C C G G A G A A G C T A A C A C T T C T
100 110 120

Asp Ala Phe Asn Trp Thr Val Asp Ser Glu
G A T G C A T T T A A C T G G A C A G T C G A C T C T G A A
130 140 150

Asn Arg Thr Asn Leu Ser Cys Glu Gly Cys
A A T C G A A C C A A C C T T T C C T G T G A A G G G T G C
160 170 180

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FIGURE 2, CON'D

Leu Ser Pro Ser Cys Leu Ser Leu Leu His
C T C T C A C C G T C G T G T C T C T C C T T A C T T C A T
190 200 210

Leu Gln Glu Lys Asn Trp Ser Ala Leu Leu
C T C C A G G A A A A A A C T G G T C T G C T T T A C T G
220 230 240

Thr Ala Val Val Ile Ile Leu Thr Ile Ala
A C A G C C G T A G T G A T T A T T C T A A C T A T T G C T
250 260 270

Gly Asn Ile Leu Val Ile Met Ala Val Ser
G G A A A C A T A C T C G T C A T C A T G G C A G T G T C C
280 290 300

Leu Glu Lys Lys Leu Gln Asn Ala Thr Asn
C T A G A G A A A A A G C T G C A G A A T G C C A C C A A C
310 320 330

Tyr Phe Leu Met Ser Leu Ala Ile Ala Asp
T A T T T C C T G A T G T C A C T T G C C A T A G C T G A T
340 350 360

Met Leu Leu Gly Phe Leu Val Met Pro Val
A T G C T G C T G G G T T T C C T T G T C A T G C C C G T G
370 380 390

Ser Met Leu Thr Ile Leu Tyr Gly Tyr Arg
T C C A T G T T A A C C A T C C T G T A T G G G T A C C G G
400 410 420

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FIGURE 2, CONT'D

Trp Pro Leu Pro Ser Lys Leu Cys Ala Val
T G G C C T C T G C C G A G C A A G C T T T G T G C A G T C
430 440 450

Trp Ile Tyr Leu Asp Val Leu Phe Ser Thr
T G G A T T T A C C T G G A C G T G C T C T T C T C C A C G
460 470 480

Ala Ser Ile Met His Leu Cys Ala Ile Ser
G C C T C C A T C A T G C A C C T C T G C G C C A T C T C G
490 500 510

Leu Asp Arg Tyr Val Ala Ile Gln Asn Pro
C T G G A C C G C T A C G T C G C C A T C C A G A A T C C C
520 530 540

Ile His His Ser Arg Phe Asn Ser Arg Thr
A T C C A C C A C A G C C G C T T C A A C T C C A G A A C T
550 560 570

Lys Ala Phe Leu Lys Ile Ile Ala Val Trp
A A G G C A T T T C T G A A A A T C A T T G C T G T T T G G
580 590 600

Thr Ile Ser Val Gly Ile Ser Met Pro Ile
A C C A T A T C A G T A G G T A T A T C C A T G C C A A T A
610 620 630

Pro Val Phe Gly Leu Gln Asp Asp Ser Lys
C C A G T C T T T G G G C T A C A G G A C G A T T C G A A G
640 650 660

FIGURE 2, CONT'D

Val	Phe	Lys	Glu	Gly	Ser	Cys	Leu	Leu	Ala
G	T	C	T	T	A	A	G	G	A
G	G	G	G	A	G	T	T	G	C
T	T	A	C	T	T	G	C	C	
			670			680			690

Asp	Asp	Asn	Phe	Val	Leu	Ile	Gly	Ser	Phe
G	A	T	G	A	T	A	A	C	T
T	T	G	T	C	C	T	G	A	T
C	G	G	C	T	C	T	T	T	T
			700			710			720

Val	Ser	Phe	Phe	Ile	Pro	Leu	Thr	Ile	Met
G	T	G	T	C	A	T	T	T	T
C	A	T	T	C	A	T	T	C	C
C	T	T	A	A	C	C	A	T	C
A	T	C	A	T	G				
			730			740			750

Val	Ile	Thr	Tyr	Phe	Leu	Thr	Ile	Lys	Ser
G	T	G	A	T	C	A	C	C	T
A	C	T	A	C	T	T	T	C	T
A	A	C	T	A	T	C	A	A	G
T	C	A							
			760			770			780

Leu	Gln	Lys	Glu	Ala	Thr	Leu	Cys	Val	Ser
C	T	C	C	A	G	A	A	A	G
A	A	G	A	A	G	C	T	A	C
T	T	G	T	G	T	G	T	G	T
A	A	G	T						
			790			800			810

Asp	Leu	Gly	Thr	Arg	Ala	Lys	Leu	Ala	Ser
G	A	T	C	T	T	G	G	C	A
C	A	C	A	C	G	G	C	C	A
A	A	A	T	T	A	G	C	T	T
C	T								
			820			830			840

Phe	Ser	Phe	Leu	Pro	Gln	Ser	Ser	Leu	Ser
T	T	C	A	G	C	T	T	C	C
T	C	C	T	C	C	C	T	C	A
G	A	G	T	T	C	T	T	C	T
T	T	G	T	C	T				
			850			860			870

Ser	Glu	Lys	Leu	Phe	Gln	Arg	Ser	Ile	His
T	C	A	G	A	A	A	G	C	T
C	T	T	C	C	A	G	C	G	G
T	C	G	A	T	C	C	A	T	
			880			890			900

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FIGURE 2, CONT'D

Arg Glu Pro Gly Ser Tyr Thr Gly Arg Arg
A G G G A G C C A G G G T C C T A C A C A G G C A G G A G G
910 920 930

Thr Met Gln Ser Ile Ser Asn Glu Gln Lys
A C T A T G C A G T C C A T C A G C A A T G A G C A A A A G
940 950 960

Ala Cys Lys Val Leu Gly Ile Val Phe Phe
G C A T G C A A G G T G C T G G G C A T C G T C T T C T T C
970 980 990

Leu Phe Val Val Met Trp Cys Pro Phe Phe
C T G T T T G T G G T G A T G T G G T G C C C T T T C T T C
1000 1010 1020

Ile Thr Asn Ile Met Ala Val Ile Cys Lys
A T C A C A A A C A T C A T G G C C G T C A T C T G C A A A
1030 1040 1050

Glu Ser Cys Asn Glu Asp Val Ile Gly Ala
G A G T C C T G C A A T G A G G A T G T C A T T G G G G C C
1060 1070 1080

Leu Leu Asn Val Phe Val Trp Ile Gly Tyr
C T G C T C A A T G T G T T T G T T T G G A T C G G T T A T
1090 1100 1110

Leu Ser Ser Ala Val Asn Pro Leu Val Tyr
C T C T C T T C A G C A G T C A A C C C A C T A G T C T A C
1120 1130 1140



Thr Leu Phe Asn Lys Thr Tyr Arg Ser Ala
 A C A C T G T T C A A C A A G A C C T A T A G G T C A G C C
 1150 1160 1170

Glu Asn Lys Lys Pro Leu Gln Leu Ile Leu
G A A A A C A A A A A C C A T T G C A G T T A A T T T T A
1210 1220 1230

Ser Ser Gln Leu Gln Met Gly Gln Lys Lys
 T C T A G C C A A C T T C A A A T G G G A C A A A A A A A G
 1270 1280 1290

Asn Asp Cys Ser Met Val Ala Leu Gly Lys
A A T G A C T G C T C A A T G G T T G C T C T A G G A A A G
1330 1340 1350

Gln His Ser Glu Glu Ala Ser Lys Asp Asn
C A G C A T T C T G A A G A G G C T T C T A A A G A C A A T
1360 1370 1380

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FIGURE 2, CONT'D

Ser	Asp	Gly	Val	Asn	Glu	Lys	Val	Ser	Cys																							
A	G	C	G	A	C	G	G	A	G	T	G	A	A	T	G	A	A	A	G	G	T	G	A	G	C	T	G	T				
										1390											1400											1410

Val	***	***	Ala	Ser	Cys	Arg	Gly	Asn	Cys																							
G	T	G	T	G	A	T	A	G	G	C	T	A	G	T	T	G	C	C	G	T	G	G	C	A	A	C	T	G	T			
										1420											1430											1440

G	G	A	A	G	G	C	A	C	A	C	T	G	A	G	C	A	A	G	T	T	T	C	A	C	C	T	A	T				
										1450											1460											1470

C	T	G	G	T	T	T	T	T	T	T	G
											1480

1480
1470
1460
1450
1440
1430
1420
1410
1400
1390

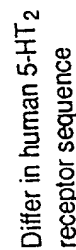
Rat Serotonin 5-HT₂ Receptor

FIGURE 4

